

## ABSTRACT

The present invention is directed to irradiating tissue using LED and laser light sources. A number of different head units having different light sources may be interconnected to a power supply unit. Memory is provided for storing user defined output programs. According to the identity of the head unit interconnected to the power supply, a different output program stored in the power supply may be selected and provided to the head unit. In connection with head units having multiple light sources, the power supply may provide power to operate different light sources at different frequencies simultaneously. The power supply may incorporate rechargeable batteries. The head units may include spot laser light sources providing substantially collimated light, and/or LED sources providing diffuse light.